

Beginning of March 3/2?? 3BIBB 109/ PSYC 109/BIOL 219 - Introduction to Brain and Behavior – Spring 2011

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Office Hours: Mondays and Wed: 10 to 11 AM

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Required Textbook: Bear, Connors, Paradiso (2006) Neuroscience Exploring the Brain (3rd ed) Books are available at University Bookstore. ISBN 0-7817-6003-8

Blackboard

This site has been set-up to facilitate student participation and communication with other students, their teaching assistants and the instructors. Lecture slides, videos and announcements will be posted on this site.

Recitations:

All recitations/labs will meet in room A3 Solomon Psych Lab Bldg.

Grading Policy:

Examinations: There will be two non-cumulative examinations and a cumulative final exam.

- ! The University recognizes religious holidays. If there are students who have a problem with the schedule date for an exam, they must take the exam the day before the scheduled examination date. Please see the Head TA, Fair Vassoler or Dr. Isabel Muzzio during the first week of classes.
- ! No makeup exams will be given unless the students present a *bona fide* excuse. All acceptable makeup exams must be scheduled with the Head TA.
- ! Re-grading - It is within your right to request that an exam question be re-graded. Any such request for re-grading should be given to the Head TA within one week after the exam is returned. *You may write your exams in pencil, but no exam written in pencil will be re-graded.* Any such request will result in the reexamination of the grading of the entire exam.
- ! The final grade will be based on two exams = 25% each, cumulative final = 40% and lab quizzes = 10% of final grade.

BIBB 109/ PSYC 109/BIOL 219

Syllabus - Spring 2009

Week Date Topic

Chapter

1	Wed	1/12	Introduction	1
		1/14	Cell biology/ Resting membrane potential	2-3
2		1/17	NO CLASS	Martin Luther King
		1/19	Resting membrane potential	3
		1/21	Signal transmission/ action potential	4
3		1/24	Synaptic transmission/ v-gated channels	4
		1/26	Synaptic transmission/chemical vs electrical	5
		1/28	Neuronal Logic/Spatiotemporal integration	5
4		1/31	Synaptic transmission/ionotropic channels	6
		2/2	Synaptic transmission/ionotropic channels	6
		2/4	Synaptic transmission/metabotropic channels	6
5		2/7	Review	Ch 1-6
		2/9	Exam 1	Ch 1-6
		2/11	Taste	8
6		2/14	Olfaction	8
		2/16	Audition/signal transduction	11
		2/18	Audition/stimulus processing	11
7		2/21	Audition/stimulus processing	11
		2/23	Vision/retina	9
		2/25	Vision/signal transduction	9
8		2/28	Vision/lateral inhibition	9
		3/2	Vision/ parallel processing/striate cortex	10
		3/4	Touch and pain	12
9		3/7	SPRING BREAK	NO CLASS
		3/9	SPRING BREAK	NO CLASS
		3/11	SPRING BREAK	NO CLASS
10		3/14	Touch and pain	12
		3/16	Review	Chapters 8-12
		3/18	Exam 2	Chapters 8-12
11		3/21	Sleep	19 Lori Flanagan
		3/23	Circadian rhythms	17 Lori Flanagan
		3/25	Reproduction	17 Lori Flanagan
12		3/28	Hypothalamus/Feeding behavior	15/16
		3/30	Music and the brain	Mike Kaplan
		4/1	Music and the brain	Mike Kaplan
13		4/4	Movement/ neuromuscular junction/spinal cord	13
		4/6	Movement/ neuromuscular junction/spinal cord	14
		4/8	Movement/CNS control	14
14		4/11	Learning & memory I	24
		4/13	Learning & Memory II	25
		4/15	Learning & memory III	25
15		4/18	No Class	Passover
		4/20	Emotion	18
		4/22	Summary and conclusions	
		4/25	NO CLASS	NO CLASS
			FINAL date to be determined	